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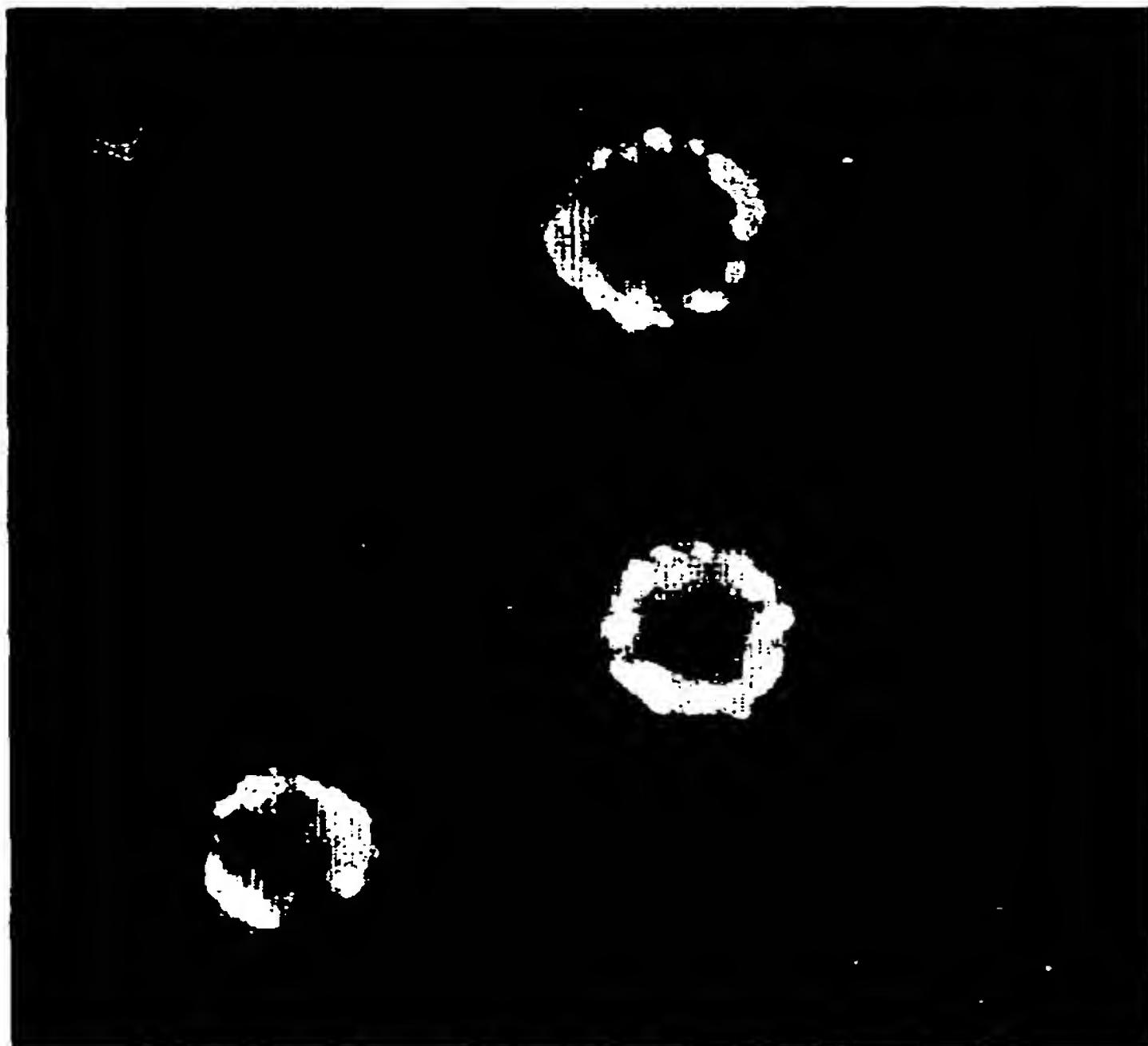
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(54) Title: **CELLS CONTAINING A NANOPATCH SENSOR IN THEIR MEMBRANE**



(57) Abstract: The present invention provides isolated cells comprising nanopatch sensors integrated into the cell membrane thereof, wherein said sensors are provided in the form of perturbation-sensitive constructs, and wherein said perturbation-sensitive constructs respond to perturbations of the cell membrane by means of a detectable change in one or more physical or chemical properties associated with said construct.

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